# USER MANUAL

## IR Camera Series

The product image may differ from the actual product.

Please read the instructions thoroughly before using the product.

**CAUTION**

**RISK OF ELECTRIC SHOCK**

CAUTION:

To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.

Only operate this apparatus from the type of power source indicated on the label.

The company shall not be liable for any damages arising out of any improper use, even if we have been advised of the possibility of such damages.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

ROHS Announcement

All lead-free products offered by the company comply with the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly “lead-free” and without the hazardous substances cited in the directive.

The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected seperately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.

CE Mark

This apparatus is manufactured to comply with the radio interference.

The company does not warrant that this manual will be uninterrupted or error-free. We reserve the right to revise or remove any content in this manual at any time.

## OVERVIEW

This camera contains day and night feature, build-in IR LEDs and it is very easy to install. The cable management design can prevent any cable damage by hiding the cable in the bracket.

## FEATURES

1. Cable management to hide the cable in the bracket for cable damage prevention
2. High sensitivity in the dark environment, 0.4Lux / F2.0, 0Lux (IR ON)
3. Day and night features for 24-hour surveillance
4. Excellent image quality
5. IR LED effective range reaches up to 15 meters (Model 2 only)

## PACKAGE CONTENT

- IR camera with a power and video cable * 1
- Bracket * 1
- Accessory pack x 1
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## SPECIFICATION*

| IR Camera | KPC138B |
|---|---|
| **Pick up Element** | 1/3" Color CCD image sensor |
| **Number of Pixel** | 512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL> |
| **Resolution** | 420 TVL |
| **Minimum illumination** | 0.4Lux / F2.0, 0Lux (IR ON) |
| **IR LED** | 21 units |
| **IR Effective Range** | Up to 15 meters |
| **S/N Ratio** | More than 48dB (AGC off) |
| **Electronic Shutter** | 1/60 (1/50) to 1/100,000 sec. |
| **Lens** | f3.6mm / F2.0 |
| **Lens Angle** | 92.6° |
| **IRIS Mode** | AES |
| **Gain Control** | Auto |
| **White Balance** | ATW |
| **Video Output** | 1.0Vp-p composite, 75Ω |
| **Power Source (±10%)** | DC12V |
| **Current Consumption (±10%)** | 90mA (IR OFF), 280mA (IR ON) |

* The specifications are subject to change without notice.
** Dimensional Tolerance: ± 5mm

## CONNECTION

1. DC12V Input Terminal
   Connect the power terminal of the camera to a 12V DC regulated power supply.
   Note: Please use the correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC12V ± 10%. Over maximum DC 12V power input will damage this unit.

2. Video Output Connector (VIDEO OUT)
   Connect the camera video output and the monitor video input with 75Ω coaxial cable.